GRI content index

General disclosures

GRI Sta	ndards and Disclosure Number	Comment	Reference
Organiz	ational profile		
102-1	Name of the organization		Company profile
102-2	Activities, brands, products, and services		Company profile Products & Services
102-3	Location of headquarters		Company profile
102-4	Location of operations		Company profile List of shareholdings
102-5	Ownership and legal form		Company profile
102-6	Markets served		Company profile Macroeconomic and Sector- Specific Environment
102-7	Scale of the organization		Company profile Net sales Capitalization Consolidated Balance Sheet
102-8	Information on employees and other workers	Supervised temporary staff is not logged in our employee data system.	Indicators: employees
102-9	Supply chain		Sustainable supply chain management Mica supply chain
102-10	Significant changes to the organization and its supply chain		Company profile Report profile Fundamental Information about the Group
102-11	Precautionary Principle or approach		Sustainability strategy Patient safety Clinical studies Plant, process & transport safety Chemical product safety Health & safety Environmental stewardship Climate action

102-12	External initiatives	Governance Stakeholder dialogue Sustainable Development Goals Global health Open innovation sharing Compliance management Human rights Sustainable supply chain management Mica supply chain Clinical studies Environmental stewardship Climate action Chemical product safety Diversity, equity & inclusion
102-13	Membership of associations	Stakeholder dialogue Compliance management Animal welfare Global health Human rights Mica supply chain Clinical studies Plant, process & transport safety Diversity, equity & inclusion
Strategy	/	
102-14	Statement from senior decision-maker	<u>Letter from the CEO</u>
102-15	Key impacts, risks, and opportunities	Sustainability strategy Materiality analysis Sustainable Development Goals Report on Risks and Opportunities

Ethics and integrity

102-16	Values, principles, standards,	Sustainability strategy
	and norms of behavior	Animal welfare
		<u>Governance</u>
		<u>Compliance management</u>
		Responsible interactions with
		health systems
		<u>Human rights</u>
		<u>Sustainable supply chain</u>
		<u>management</u>
		Sustainable Development Goals
		<u>Bioethics</u>
		<u>Digital ethics</u>
		<u>Clinical studies</u>
		<u>Product-related crime</u>
		<u>Plant, process & transport safety</u>
		<u>Chemical product safety</u>
		Attractive employer
		Diversity, equity & inclusion
		<u>Leading & developing employees</u>
		Health & safety
		Environmental stewardship
		<u>Climate action</u>
		Waste & recycling
.02-17	Mechanisms for advice and	Compliance management
	concerns about ethics	Responsible interactions with
		<u>health systems</u>
		<u>Human rights</u>
		<u>Bioethics</u>
		<u>Digital ethics</u>
		<u>Clinical studies</u>
		<u>Animal welfare</u>
		Diversity, equity & inclusion
		Health & safety
		<u>Indicators: business ethics</u>
Governa	ince	
.02-18	Governance structure	Sustainability strategy
		<u>Management</u>
		Statement on Corporate
		Governance
.02-19	Delegating authority	
.02-19	Delegating authority	Sustainability strategy
.02-19	Delegating authority	
		Sustainability strategy Statement on Corporate Governance
	Executive-level responsibility	Sustainability strategy Statement on Corporate Governance Sustainability strategy
	Executive-level responsibility for economic, environmental,	Sustainability strategy Statement on Corporate Governance Sustainability strategy Environmental stewardship
	Executive-level responsibility	Sustainability strategy Statement on Corporate Governance Sustainability strategy

102-21	Consulting stakeholders on economic, environmental, and social topics	Sustainability strategy Stakeholder dialogue Materiality analysis Global health Bioethics Digital ethics Responsible interactions with health systems
102-22	Composition of the highest governance body and its committees	Management Statement on Corporate Governance The Executive Board The Supervisory Board Objectives of the Supervisory Board with respect to its composition
102-23	Chair of the highest governance body	Management Statement on Corporate Governance
102-24	Nominating and selecting the highest governance body	Diversity, equity & inclusion Management Statement on Corporate Governance Gender quota Diversity policy Objectives of the Supervisory Board with respect to its composition
102-25	Conflicts of interest	Compliance management Responsible interactions with health systems Information on corporate governance practices
102-26	Role of highest governance body in setting purpose, values, and strategy	Sustainability strategy Values and compliance Report of the Supervisory Board
102-27	Collective knowledge of highest governance body	Sustainability strategy The Executive Board Statement on Corporate Governance
102-28	Evaluating the highest governance body's performance	Board of Partners The Supervisory Board Articles of Association Statement on Corporate Governance

102-29	Identifying and managing economic, environmental, and social impacts		Sustainability strategy Materiality analysis Compliance management Report on Risks and Opportunities Statement on Corporate Governance
102-30	Effectiveness of risk management processes		Sustainability strategy Compliance management Report on Risks and Opportunities Report of the Supervisory Board
102-31	Review of economic, environmental, and social topics		Sustainability strategy Compliance management Report on Risks and Opportunities Report of the Supervisory Board
102-32	Highest governance body's role in sustainability reporting		Report profile
102-33	Communicating critical concerns		Compliance management Values and compliance
102-34	Nature and total number of critical concerns	Due to the sensitive nature of critical concerns, these figures are only for internal use (except where external reporting is legally required). Significant additions to or changes in the risk register are disclosed in due course to the Executive Board on an ad hoc basis, as per stipulations in the risk policy.	Compliance management Indicators: business ethics Values and compliance
102-35	Remuneration policies		Compensation report
102-36	Process for determining remuneration		Attractive employer Compensation report
102-37	Stakeholders' involvement in remuneration		Attractive employer Compensation report Voting results Annual General Meeting 2021

102-38 Annual total compensation ratio

Competitive salaries and additional benefits not only increase our attractiveness as an employer; they also motivate our people and build loyalty to the company. The compensation we offer is based on market analyses in the relevant field and the value of the respective position, and the employee's skill set and performance. Our Global Rewards Policy defines the framework for compensation and benefits across the entire Group. As far as possible, we strive to offer all our employees comparable compensation structures. Furthermore, we monitor compliance with minimum standards. We do not consider the information required under GRI 102-38 and GRI 102-39 to be relevant to assessing the fairness of our compensation structures.

Attractive employer

102-39 Percentage increase in annual total compensation ratio

Competitive salaries and additional benefits not only increase our attractiveness as an employer; they also motivate our people and build loyalty to the company. The compensation we offer is based on market analyses in the relevant field and the value of the respective position, and the employee's skill set and performance. Our Global Rewards Policy defines the framework for compensation and benefits across the entire Group. As far as possible, we strive to offer all our employees comparable compensation structures. Furthermore, we monitor compliance with minimum standards. We do not consider the information required under GRI 102-38 and GRI 102-39 to be relevant to assessing the fairness of our compensation structures.

Attractive employer

Stakeholder engagement

102-40	List of stakeholder groups	Stakeholder dialogue
102-41	Collective bargaining agreements	Attractive employer
102-42	Identifying and selecting stakeholders	Stakeholder dialogue
102-43	Approach to stakeholder engagement	Stakeholder dialogue Materiality analysis Attractive employer Diversity, equity & inclusion
102-44	Key topics and concerns raised	<u>Materiality analysis</u> <u>Bioethics</u> <u>Digital ethics</u>
Reportin	g practice	
102-45	Entities included in the consolidated financial statements	Report profile Company profile Notes to the Consolidated Financial Statements
102-46	Defining report content and topic Boundaries	Materiality analysis Report profile
102-47	List of material topics	Materiality analysis
102-48	Restatements of information	Report profile
102-49	Changes in reporting	Materiality analysis Report profile
102-50	Reporting period	Report profile
102-51	Date of most recent report	Report profile
102-52	Reporting cycle	Report profile
102-53	Contact point for questions regarding the report	Report profile
102-54	Claims of reporting in accordance with the GRI Standards	GRI Content Index Report profile
102-55	GRI content index	GRI Content Index
102-56	External assurance	Report profile Assurance Report

Economic Standards

GRI Standards and Disclosure Number		Comment	Reference
GRI 20	1: ECONOMIC PERFORMANCE 2016		
103-1	Explanation of the material topic and its Boundary The management approach and its		Company profile Statement on Corporate Governance Economic performance
103-3	components Evaluation of the management approach		Pension schemes Report on Risks and Opportunities
201-1	Direct economic value generated and distributed		Indicators: employees Indicators: economics Indicators: community Community engagement Consolidated income statement Consolidated cash flow statement Operating activities Personnel expenses
201-2	Financial implications and other risks and opportunities due to climate change	We report in detail on various aspects of climate change as part of our participation in the CDP (formerly known as the Carbon Disclosure Project).	Climate action Water management CDP Climate change CDP Water security Report on Risks and Opportunities
201-3	Defined benefit plan obligations and other retirement plans		<u>Indicators: employees</u> <u>Pension schemes</u>
201-4	Financial assistance received from government		Accounting: Property, plant and equipment Research and development costs
GRI 20	2: MARKET PRESENCE 2016		
103-1	Explanation of the material topic and its Boundary		Attractive employer
103-2	The management approach and its components		
103-3	Evaluation of the management approach		

202-1	Ratios of standard entry level wage by gender compared to local minimum wage	This indicator is not relevant to us, which is why we do not collect data on the ratio of the standard entry level wage compared to local minimum wage. Our Global Rewards Policy applies to all our subsidiaries worldwide and guarantees a systematic compensation structure. Both base pay and short-term variable compensation are oriented to the median base pay of the relevant reference market. Our pay brackets are reviewed on an annual basis and reflect market conditions. We adhere to local minimum wage levels.	
202-2	Proportion of senior management hired from the local community	We promote both the recruitment of local employees and their international deployment at all hierarchical levels. We do not record the proportion of local managers, as this is not relevant for the strategic personnel management of our company.	Attractive employer
GRI 203	3: INDIRECT ECONOMIC IMPACTS 2016		
103-1	Explanation of the material topic and its Boundary		Global health Prices of medicines
103-2	The management approach and its components		Health capacity & awareness
103-3	Evaluation of the management approach		
203-1	Infrastructure investments and services supported		Global health Health capacity & awareness Mica supply chain Community engagement
203-2	Significant indirect economic impacts		Prices of medicines Health capacity & awareness Community engagement

GRI 204: PROCUREMENT PRACTICES 2016

GIAI 20	4. TROCOREMENT TRACTICES 2010		
103-1	Explanation of the material topic and its Boundary		Sustainable supply chain management
103-2	The management approach and its components		Mica supply chain Human rights
103-3	Evaluation of the management approach		
204-1	Proportion of spending on local suppliers	We have no internal guidelines stipulating that preference be given to local vendors in allocating contracts and therefore do not collect this type of data. In some countries, local laws require contracts to be awarded to regional suppliers.	Sustainable supply chain management
GRI 20	5: ANTI-CORRUPTION 2016		
103-1	Explanation of the material topic and its Boundary		Compliance management Sustainable supply chain
103-2	The management approach and its components		management Values and compliance
103-3	Evaluation of the management approach		
205-1	Operations assessed for risks related to corruption		Compliance management Indicators: business ethics Values and compliance Report on Risks and Opportunities
205-2	Communication and training about anti-corruption policies and procedures		Compliance management Indicators: business ethics
205-3	Confirmed incidents of corruption and actions taken	As applicable, we report on risks from litigation and legal proceedings in our Report on Risks and Opportunities.	Compliance management Indicators: business ethics Report on Risks and Opportunities

GRI 20	6: ANTI-COMPETITIVE BEHAVIOR 2016	
103-1	Explanation of the material topic and its Boundary	Compliance management Responsible interactions with
103-2	The management approach and its components	<u>health systems</u>
103-3	Evaluation of the management approach	
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Indicators: business ethics
Additio	nal material topics	
TECHN	OLOGY (Sustainable Innovation and R&D)	
103-1	Explanation of the material topic and its Boundary	Sustainable innovation & technology
103-2	The management approach and its components	
103-3	Evaluation of the management approach	

Environmental Standards

GRI Standards and Disclosure Number		Comment	Reference
GRI 30	1: MATERIALS 2016		
103-1	Explanation of the material topic and its Boundary	We only record the weight of the raw materials that are	Sustainable products & packaging
103-2	The management approach and its components	directly used in our pharmaceuticals and chemicals, which came to 400	
103-3	Evaluation of the management approach	metric kilotons in 2021 (2020: 387 metric kilotons). Additionally, we utilize operating supplies and packaging materials, such as folding boxes, glass bottles and ampules.	
301-1	Materials used by weight or volume	We only record the weight of the raw materials that are directly used in our pharmaceuticals and chemicals, which came to 400 metric kilotons in 2021 (2020: 387 metric kilotons). Additionally, we utilize operating supplies and packaging materials, such as folding boxes, glass bottles and ampules.	Sustainable products & packaging
301-2	Recycled input materials used	In all our endeavors, we attempt to efficiently utilize materials and recycle as much as possible. Where feasible, we use recycled materials (in packaging, for instance.) Overall, our company considers material consumption to be a major concern. There are few opportunities to use recycled material in our production processes because our business model puts us at the start of the value chain. We therefore do not collect such data at Group level. Individual data and measures are reported in the respective chapters.	Sustainable products & packaging

301-3	Reclaimed products and their packaging materials	Owing to the multitude of products we supply and the minimal comparability of our various initiatives, we do not collect quantitative data at the Group level. The individual measures taken by our various businesses are reported in the respective chapters.	Sustainable products & packaging
GRI 30	2: ENERGY 2016		
103-1	Explanation of the material topic and its Boundary		Climate action Environmental stewardship
103-2	The management approach and its components		Sustainable products & packaging
103-3	Evaluation of the management approach		
302-1	Energy consumption within the organization		Climate action Indicators: environment
302-2	Energy consumption outside of the organization	To date, we have not been tracking energy consumption outside our organization, but we are working to create more transparency on our Scope 3 emissions. Going forward, we will also make efforts to track energy consumption outside of our organization.	Climate action Indicators: environment
302-3	Energy intensity		Climate action Indicators: environment
302-4	Reduction of energy consumption		Climate action Indicators: environment
302-5	Reductions in energy requirements of products and services		Sustainable products & packaging
GRI 30	3: WATER AND EFFLUENTS 2018		
103-1	Explanation of the material topic and its Boundary		Water management Environmental stewardship
103-2	The management approach and its components		
103-3	Evaluation of the management approach		
303-1	Interactions with water as a shared resource		Water management
303-2	Management of water discharge- related impacts		Water management

3 V	Water withdrawal	The amount of seawater and produced water withdrawn is not significant and is therefore not reported separately.	Water management Indicators: environment
Ι V	Water discharge	The volume of seawater and groundwater discharged is not significant and is therefore not reported separately.	Water management Indicators: environment
5 V	Water consumption	Most of the water we use in our production streams is released back into aquatic ecosystems through direct or indirect discharges. Evaporation processes are not a material part of our manufacturing operations. At individual manufacturing sites, we incorporate small amounts of water into our products. We are working to implement systems to track this. Because we lack the capacity for water storage, such information is irrelevant to our company.	Water management
04:	BIODIVERSITY 2016		
	Explanation of the material topic and its Boundary		Environmental stewardship Sustainable products & packaging
	The management approach and its components		
	Evaluation of the management approach		
r F	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Our land use planning takes biodiversity impacts into account, with appropriate protective measures being taken on a case-by-case basis.	Environmental stewardship
p	Significant impacts of activities, products, and services on biodiversity		Environmental stewardship
 B F	Habitats protected or restored		Environmental stewardship
c	IUCN Red List species and national conservation list species with habitats in areas affected by operations	Our land use planning takes biodiversity impacts into account, with appropriate protective measures being taken on a case-by-case basis.	Environmental stewardship
I c	IUCN Red List species and national conservation list species with habitats in areas affected by	biodiversity impacts into account, with appropriate protective measures being	

GRI 305: EMISSIONS 2016

103-1	Explanation of the material topic and its Boundary	<u>Climate action</u> <u>Environmental stewardship</u>
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
305-1	Direct (Scope 1) GHG emissions	Climate action Indicators: environment
305-2	Energy indirect (Scope 2) GHG	Climate action Indicators: environment
305-3	Other indirect (Scope 3) GHG emissions	Climate action Indicators: environment CDP Climate change
305-4	GHG emissions intensity	Climate action Indicators: environment
305-5	Reduction of GHG emissions	Climate action Sustainable products & packaging Indicators: environment CDP Climate change
305-6	Emissions of ozone-depleting substances (ODS)	Indicators: environment
305-7	Nitrogen oxides (NO_X), sulfur oxides (SO_X), and other significant air emissions	Indicators: environment
GRI 30	6: WASTE 2020	
103-1	Explanation of the material topic and its Boundary	Waste & recycling Environmental stewardship
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
306-1	Waste generation and significant waste-related impacts	Waste & recycling
306-2	Management of significant waste- related impacts	Waste & recycling
306-3	Waste generated	Waste & recycling
306-4	Waste diverted from disposal	Indicators: environment
306-5	Waste directed to disposal	Waste & recycling Indicators: environment

GRI 307: ENVIRONMENTAL COMPLIANCE 2016

0.12.00	, ,	
103-1	Explanation of the material topic and its Boundary	Environmental stewardship
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
307-1	Non-Compliance with environmental laws and regulations	Environmental stewardship
GRI 30	8: SUPPLIER ENVIRONMENTAL ASSESS	MENT 2016
103-1	Explanation of the material topic and its Boundary	Sustainable supply chain management
103-2	The management approach and its components	<u>Mica supply chain</u>
103-3	Evaluation of the management approach	
308-1	New suppliers that were screened using environmental criteria	Sustainable supply chain management
308-2	Negative environmental impacts in the supply chain and actions taken	Sustainable supply chain management Mica supply chain

Social Standards

GRI Sta	andards and Disclosure Number	Comment	Reference
GRI 40	1: EMPLOYMENT 2016		
103-1	Explanation of the material topic and its Boundary		Attractive employer Human rights
103-2	The management approach and its components		
103-3	Evaluation of the management approach		
401-1	New employee hires and employee turnover		Indicators: employees
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Part-time employees receive the same eligibility for employee benefits as full-time workers. Employees with temporary contracts, however, are not entitled to all company benefits, such as a company pension.	Attractive employer
401-3	Parental leave		Attractive employer Indicators: employees
GRI 40	2: LABOR/MANAGEMENT RELATIO	NS 2016	
103-1	Explanation of the material topic and its Boundary		Attractive employer
103-2	The management approach and its components		
103-3	Evaluation of the management approach		
402-1	Minimum notice periods regarding operational changes	The regulations on periods of notice vary worldwide. We apply the rules that are in force locally. There is no need for us to track periods of notice at Group level.	
GRI 40	3: OCCUPATIONAL HEALTH AND S	AFETY 2018	
103-1	Explanation of the material topic and its Boundary	The disclosures under GRI 403 pertain to our employees as well as	Health & safety Plant, process & transport safety
103-2	The management approach and its components	supervised temporary staff. They do not include employees of contractors.	
103-3	Evaluation of the management approach		

403-1	Occupational health and safety management system		Health & safety
403-2	Hazard identification, risk assessment, and incident investigation		Health & safety Plant, process & transport safety
403-3	Occupational health services		Health & safety
403-4	Worker participation, consultation, and communication on occupational health and safety	Occupational health and safety committees are required by law in Germany. All employees of Merck KGaA, Darmstadt, Germany are therefore represented by such committees, which operate at site level. They account for around 13% of our total workforce. The majority of sites outside Germany also have health and safety committees to represent their employees. The organization of these committees is the responsibility of our individual sites. Health and safety issues are governed Group-wide by our EHS Policy. The organizational implementation of this policy is the responsibility of our individual sites and is subject to local laws and regulations. Merck KGaA, Darmstadt, Germany, which accounts for approximately 13% of our total workforce, has company agreements in place on occupational health and safety.	Health & safety
403-5	Worker training on occupational health and safety		Health & safety Plant, process & transport safety
403-6	Promotion of worker health		Health & safety
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships		Health & safety Human rights Plant, process & transport safety
403-8	Workers covered by an occupational health and safety management system		Health & safety
403-9	Work-related injuries	We have identified the lost time injury rate (LTIR) as a key performance indicator for our company.	Health & safety Plant, process & transport safety Indicators: employees

topic and its Boundary The management approach and its components 103-3 Evaluation of the management approach 404-1 Average hours of training per year per employee hours our employees spend on vocational training and continuing education because this indicator does not have any bearing on the quality or success of our efforts. 404-2 Programs for upgrading employee skills and transition assistance programs 404-3 Percentage of employees receiving regular performance and career development reviews GRI 405: DIVERSITY AND EQUAL OPPORTUNITY 2016 Explanation of the material topic and its Boundary 103-2 The management approach We do not keep track of the average hours our employees spend on vocational raining and continuing education because this indicator does not have any bearing on the quality or success of our efforts. Sustainable supply chain management Human rights Product-related crime Plant, process & transpo Leading & developing employer Diversity, equity & incluse Environmental stewards! 404-3 Percentage of employees receiving regular performance and career development reviews GRI 405: DIVERSITY AND EQUAL OPPORTUNITY 2016 103-1 Explanation of the material topic and its Boundary 103-2 The management approach	403-10	Work-related ill health	At Group level, we do not collect data regarding types of work-related illnesses or fatalities resulting from work-related illnesses. As deemed necessary, our sites may collect data on the incidence of occupational illness.	Health & safety Plant, process & transport safety Indicators: employees
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employee skills and transition assistance programs Human rights Product-related crime Plant, process & transpo Leading & developing em Attractive employer Diversity, equity & inclus Environmental stewardsl 404-3 Percentage of employees receiving regular performance and career development reviews GRI 405: DIVERSITY AND EQUAL OPPORTUNITY 2016 103-1 Explanation of the material topic and its Boundary The management approach and its components 103-3 Evaluation of the Evaluation of the Diversity, equity & inclus Attractive employer Objectives of the Superv Board with respect to its composition	404-1	-	hours our employees spend on vocational training and continuing education because this indicator does not have any bearing on the quality	
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103-1 Explanation of the material topic and its Boundary 103-2 The management approach and its components 103-3 Evaluation of the Diversity, equity & inclust Attractive employer Objectives of the Superv Board with respect to its composition	404-3	receiving regular performance and career development		Leading & developing employees Indicators: employees
topic and its Boundary 103-2 The management approach and its components 103-3 Evaluation of the Attractive employer Objectives of the Superv Board with respect to its composition	GRI 405	: DIVERSITY AND EQUAL OPPORT	TUNITY 2016	
and its components Board with respect to its composition Evaluation of the		topic and its Boundary		• •
103-3 Evaluation of the	103-2			Board with respect to its
	103-3			Stripodiali

405-1	Diversity of governance bodies and employees		Diversity, equity & inclusion Indicators: employees The Executive Board The Supervisory Board Objectives of the Supervisory Board with respect to its composition Diversity policy
405-2	Ratio of basic salary and remuneration of women to men	As a basic principle, our compensation systems and processes do not distinguish between women and men. The salaries we offer are predicated on the respective job description and are based on our Global Job Catalog, which has fixed salary bands that are identical for men and women. Variable salary components that fall under performance-based compensation are paid on the basis of whether mutually agreed targets have been achieved. A performance management system governs this process.	Attractive employer Diversity, equity & inclusion
GRI 406	5: NON-DISCRIMINATION 2016		
103-1	Explanation of the material topic and its Boundary		Diversity, equity & inclusion Attractive employer
103-2	The management approach and its components		
103-3	Evaluation of the management approach		
406-1	Incidents of discrimination and corrective actions taken		Diversity, equity & inclusion Indicators: business ethics
GRI 407	7: FREEDOM OF ASSOCIATION A	ND COLLECTIVE BARGAINING 2016	
103-1	Explanation of the material topic and its Boundary		Sustainable supply chain management
103-2	The management approach and its components		<u>Human rights</u> <u>Attractive employer</u>
103-3	Evaluation of the management approach		
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk		Sustainable supply chain management Human rights

8: CHILD LABOR 2016		
Explanation of the material topic and its Boundary		Sustainable supply chain management
The management approach and its components		Mica supply chain Human rights
Evaluation of the management approach		Attractive employer
Operations and suppliers at significant risk for incidents of child labor		Sustainable supply chain management Human rights Mica supply chain
9: FORCED OR COMPULSORY LAB	OR 2016	
Explanation of the material topic and its Boundary		Sustainable supply chain management
The management approach and its components		Mica supply chain Human rights
Evaluation of the management approach		Attractive employer
Operations and suppliers at significant risk for incidents of forced or compulsory labor		Sustainable supply chain management Mica supply chain Human rights
0: SECURITY PRACTICES 2016		
Explanation of the material topic and its Boundary		Human rights Sustainable supply chain
The management approach and its components		management
Evaluation of the management approach		
Security personnel trained in human rights policies or procedures	We are currently formalizing our processes for security-relevant assessments as part of our Security Governance framework. Going forward, we will be integrating human rights aspects even more strongly into security-relevant processes, for instance training courses for security staff. To this end, we will use the newly established Security Academy platform.	Human rights
	Explanation of the material topic and its Boundary The management approach and its components Evaluation of the management approach Operations and suppliers at significant risk for incidents of child labor 9: FORCED OR COMPULSORY LAB Explanation of the material topic and its Boundary The management approach and its components Evaluation of the management approach Operations and suppliers at significant risk for incidents of forced or compulsory labor 0: SECURITY PRACTICES 2016 Explanation of the material topic and its Boundary The management approach and its components Evaluation of the material topic and its Boundary The management approach and its components Evaluation of the management approach Security personnel trained in human rights policies or	Explanation of the material topic and its Boundary The management approach and its components Evaluation of the management approach Operations and suppliers at significant risk for incidents of child labor P. FORCED OR COMPULSORY LABOR 2016 Explanation of the material topic and its Boundary The management approach and its components Evaluation of the management approach Operations and suppliers at significant risk for incidents of forced or compulsory labor D. SECURITY PRACTICES 2016 Explanation of the material topic and its Boundary The management approach and its components Evaluation of the material topic and its Boundary The management approach and its components Evaluation of the material topic and its Boundary The management approach and its components Evaluation of the material topic and its Boundary The management approach Operations and suppliers at significant risk for incidents of forced or compulsory labor Evaluation of the management approach Operations and suppliers at significant risk for incidents of forced or compulsory labor D. SECURITY PRACTICES 2016 Explanation of the management approach Operations and suppliers at significant risk for incidents of forced or compulsory labor D. SECURITY PRACTICES 2016 Explanation of the management approach Operations and suppliers at significant risk for incidents of forced or compulsory labor D. SECURITY PRACTICES 2016 Explanation of the management approach D. SECURITY PRACTICES 2016 Explanation of the management approach and its components Evaluation of the management approach and its components Evaluation of the management ap

GRI 412: HUMAN RIGHTS ASSESSMENT 2016

GKI 41	2: HUMAN RIGHTS ASSESSMENT	2016
103-1	Explanation of the material topic and its Boundary	<u>Human rights</u> <u>Attractive employer</u>
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
412-1	Operations that have been subject to human rights reviews or impact assessments	Human rights Indicators: business ethics
412-2	Employee training on human rights policies or procedures	<u>Human rights</u>
412-3	Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening	Human rights
GRI 41	4: SUPPLIER SOCIAL ASSESSME	NT 2016
103-1	Explanation of the material topic and its Boundary	Sustainable supply chain management
103-2	The management approach and its components	<u>Mica supply chain</u> <u>Human rights</u>
103-3	Evaluation of the management approach	
414-1	New suppliers that were screened using social criteria	Sustainable supply chain management
414-2	Negative social impacts in the supply chain and actions taken	Sustainable supply chain management Mica supply chain
GRI 41	5: PUBLIC POLICY 2016	
103-1	Explanation of the material topic and its Boundary	Stakeholder dialogue
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
415-1	Political contributions	Stakeholder dialogue

GRI 416: CUSTOMER HEALTH AND SAFETY 2016

GIKT 41	O. COSTOMER HEALITI AND SAIL		
103-1	Explanation of the material topic and its Boundary		Clinical studies Patient safety
103-2	The management approach		Product-related crime
103-2	and its components		Chemical product safety
	·		Sustainable products & packaging
103-3	Evaluation of the management approach		Report on Risks and Opportunities
416-1	Assessment of the health and safety impacts of product and service categories		Chemical product safety
416-2	Incidents of non-compliance	As applicable, we report on risks from	Clinical studies
	concerning the health and	litigation and legal proceedings in our	Chemical product safety
	safety impacts of products and services	Report on Risks and Opportunities.	Report on Risks and Opportunities
GRI 41	7: MARKETING AND LABELING 20	16	
103-1	Explanation of the material topic and its Boundary		Compliance management Responsible interactions with
103-2	The management approach and its components		health systems Patient safety
103-3	Evaluation of the management approach		Chemical product safety
417-1	Requirements for product and service information and labeling	All pharmaceuticals are subject to reporting and notification requirements, which we fulfill. In line with the statutory requirements, we provide our customers with easily accessible and relevant information on the safe handling and use of our chemical products. We report on the individual requirements in the respective chapters.	Patient safety Chemical product safety
417-2	Incidents of non-compliance concerning product and service information and labeling		Patient safety Chemical product safety Report on Risks and Opportunities
417-3	Incidents of non-compliance concerning marketing communications	As applicable, we report on risks from litigation and legal proceedings in our Report on Risks and Opportunities.	Report on Risks and Opportunities

GRI 418: CUSTOMER PRIVACY 2016

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103-1	Explanation of the material topic and its Boundary		Data protection & privacy Clinical studies
103-2	The management approach and its components		
103-3	Evaluation of the management approach		
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data		Data protection & privacy Clinical studies Indicators: business ethics
GRI 41	9: SOCIOECONOMIC Compliance	2016	
103-1	Explanation of the material topic and its Boundary		Compliance management Report on Risks and Opportunities
103-2	The management approach and its components		
103-3	Evaluation of the management approach		
419-1	Non-compliance with laws and regulations in the social and economic area	As applicable, we report on risks from litigation and legal proceedings in our Report on Risks and Opportunities.	Report on Risks and Opportunities

Additional material topics

ETHICA	L CONDUCT (bioethics, digital ethics,	clinical studies, animal welfare)
103-1	Explanation of the material topic and its Boundary	Animal welfare Bioethics
103-2	The management approach and its components	<u>Digital ethics</u> <u>Clinical studies</u>
103-3	Evaluation of the management approach	
HEALTH	FOR ALL	
103-1	Explanation of the material topic and its Boundary	<u>Global health</u> <u>Open innovation sharing</u>
103-2	The management approach and its components	<u>Prices of medicines</u> <u>Health capacity & awareness</u>
103-3	Evaluation of the management approach	
PRODU	CT SAFETY AND QUALITY: product-rel	lated crime
103-1	Explanation of the material topic and its Boundary	<u>Product-related crime</u>
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
сомми	INITY ENGAGEMENT	
103-1	Explanation of the material topic and its Boundary	<u>Community engagement</u>
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
ATTRAC	TIVE EMPLOYER	
103-1	Explanation of the material topic and its Boundary	<u>Attractive employer</u>
103-2	The management approach and its components	
103-3	Evaluation of the	